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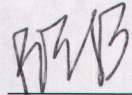
State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Minerals Inspection Report

Reviewed 

Report Date:

Mine Name: Bromide Basin	Permit Number: S/017/0031	Mine Status: Active
Operator Name: Bromide Mining LLC.	Inspection Date: 08/04/2015	Permit Fees: Paid
Inspector(s): Wayne Western	Inspection Time: 11:15 - 12:15 pm	Bond Amount: \$57,600
Attendee(s): John Reay	Weather: warm and sunny	Bond Escalation: 07/22/2017
Inspection Purpose: Routine inspection		Prior Inspection: 07/09/2014

Conclusions and Recommendations

There was oil on the ground in a storage shed near the Bromide Mine Portal. There was an additional portal at the Bromide Mine that was constructed. There was a new building being constructed at near the Har-El Adit 1 (mine office). The new building is on the site of an approved mill building. That building was the Henrietta mill building was was a pole barn construction with logs set in the ground and framing from pole to pole and a dirt floor. The new building has a concrete foundation.

The Operator was mining the vein above the underground workings at the Bromide Mine and broke into the underground workings. The Operator sealed the breach with a steel plate and placed rocks on top of the plate. The reason for the temporary seal is to prevent unwanted ventilation in event of a fire (potential for outside air to feed the fire). The Operator needs to address how the opening will be permanently sealed.

The Operator must update the NOI and bonds to reflect the on the ground conditions; specifically the bond must be increased to cover the demolition of the new buildings.

The BLM has a survey crew on site to establish property boundaries.

Elements of Inspection	Evaluated & Commented	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The permit fee is current. The bond is due for escalation in 2017. The Operator is constructing a new mill building near the main office (Har-El Adit) and a storage/work building near the Bromide Mine adits. The bond must be adjusted to for the new structures.		
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Operator was mining the vein above the underground workings at the Bromide mine. The Operator sealed the opening with a steel plat and covered it with rock. The Division will defer to MSHA for the safety of the temporary seal. For a permanent seal the Division would like a reinforced concrete slap.		
3. Protection of Drainages/Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The sediment pond		
4. Deleterious Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
There was a warehouse/shop constructed near the Bromide adits. There were several oil drums place outside the building. Oil had spilled onto the rock underneath and next to the drums.		
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The roads to not have ditches on the sides water from a pond was being discharged onto the roads.		
6. Reclamation	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts)	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>

Mine: S/017/0031

Inspected: 08/04/2015

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Inspector's Signature:

Wayne Webster

CC:

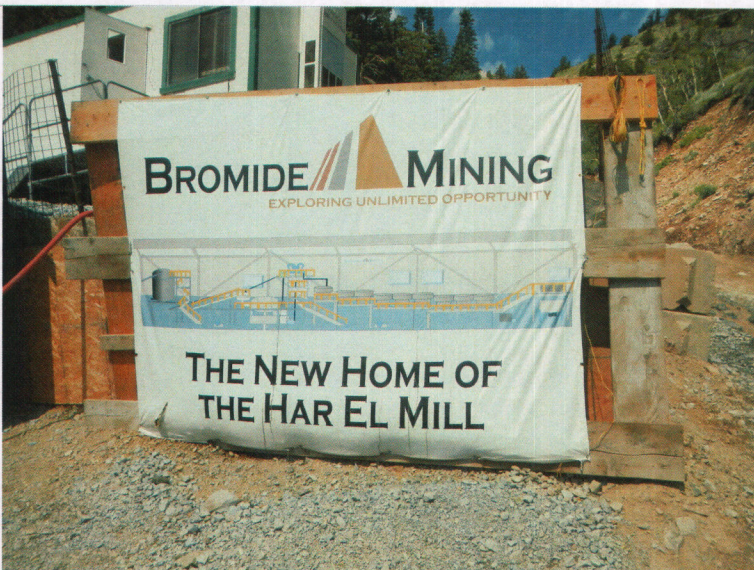
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Construction of Har El Mill looking south, notice the foundation being constructed.



Construction of Har El Mill looking southwest, notice the foundation being constructed.



Proposed design of Har El Mill



Construction of Har El Mill looking south, notice the foundation being constructed. Har El adit on right.



Looking north, water from pond following down road.



Culvert and pond plugged, water being discharged onto road.



Workmen trying to unplug culvert. Discharging water from the pond onto road.



Area above Bromide Mine working where Operator broke into underground workings. Opening covered with steel plate and plate covered with rock.



Two adits at Bromide Mine - only one shown on map



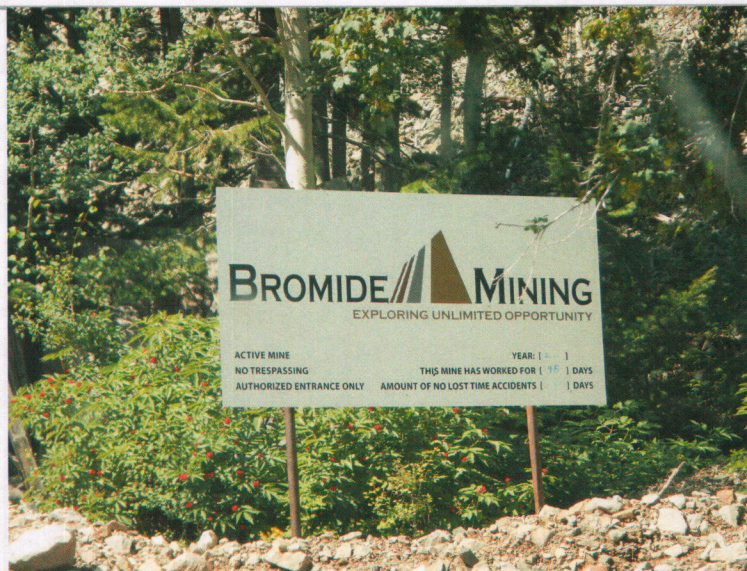
Oil spilled on the ground. Containers are not in a containment structure.



Containers are not in a containment structure.



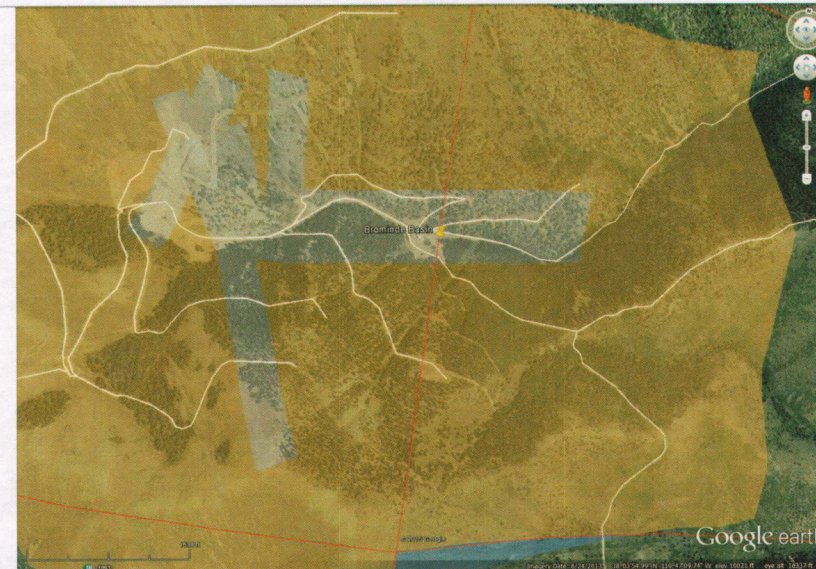
Containers are not in a containment structure.



Entrance to Bromide Mine. The BLM is surveying the area to make sure gates are on private land.



Google image of main mine facility in 2013



Google Earth image showing fee and BLM property boundaries.